

Claims

[1] A light control sheet comprising at least a light diffusing film and a prism sheet, wherein:

the light diffusing film has a light diffusing surface on one side and a rough surface on the other side,

the prism sheet has a prism surface on one side and a smooth surface on the other side, the smooth surface is formed by a smooth layer comprising at least a comb polymer, and

the rough surface of the light diffusing film and the smooth surface of the prism sheet face each other.

[2] A light control sheet comprising at least a light diffusing film and a prism sheet, wherein:

the light diffusing film has a light diffusing surface on one side and a smooth surface on the other side, the smooth surface is formed by a smooth layer comprising at least a comb polymer,

the prism sheet has a prism surface on one side and a rough surface on the other side, and

the smooth surface of the light diffusing film and the rough surface of the prism sheet face each other.

[3] The light control sheet according to claim 1 or 2, wherein the comb polymer has a stem moiety and a branch moiety, the stem moiety and the branch moiety each have a structure formed by polymerization of monomers, and type of monomers as the main component constituting the stem moiety is different from type of monomers as the main component constituting the branch moiety.

[4] The light control sheet according to claim 3, wherein the comb polymer is obtained by copolymerizing monomers constituting the stem moiety and macromonomers constituting the branch moiety, and has a configuration that the main component of the monomers constituting the stem moiety consists of acrylic type monomers, the macromonomers constituting the branch moiety have monoethylenically

unsaturated groups as polymerizable functional end groups, and the backbone component of the macromonomers is obtained by polymerizing non-acrylic type monomers as the main component.

[5] The light control sheet according to claim 4, wherein the non-acrylic type monomers are styrene monomers.

[6] The light control sheet according to any one of claims 1 to 5, wherein the comb polymer accounts for 40% by weight or more of the constituents of the smooth layer.

[7] A surface light source comprising a light source, a light guide plate of which end is equipped with the light source, and a light control sheet disposed on a light emerging surface of the light guide plate, wherein:

the light control sheet according to any one of claims 1 to 6 is used and disposed so that the prism surface of the prism sheet and the light emerging surface of the light guide plate should face each other.